

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/016708

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L29/06 H04L29/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|------------------------|
| X | US 6 158 011 A (CHEN ET AL) 5 December 2000 (2000-12-05) | 1-3, 6-31, 33-43 |
| Y | abstract column 1, line 10 - line 15 column 1, line 31 - column 2, line 48 column 4, line 3 - column 6, line 50 | 4, 5, 32 |
| X | STAINOV R: "DATENSICHERHEIT IM INTERNET: PRINZIPIEN, MOEGlichkeiten UND GRENZEN" NTZ (NACHRICHTENTECHNISCHE ZEITSCHRIFT), VDE VERLAG GMBH. BERLIN, DE, vol. 49, no. 8, January 1996 (1996-01), pages 32-34, 36, XP000623476 ISSN: 0027-707X page 40 | 1-3, 6-31, 33-43 |

 -/--

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

10 May 2005

Date of mailing of the international search report

23/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Kopp, K

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/016708

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|------------------------|
| X | US 2002/174335 A1 (ZHANG JUNBIAO ET AL) 21 November 2002 (2002-11-21) abstract paragraph '0019! paragraph '0042! - paragraph '0043! paragraph '0045! paragraph '0064! ----- | 1-3, 6-31, 33-43 |
| Y | WO 01/58113 A (TELEFONAKTIEBOLAGET LM ERICSSON) 9 August 2001 (2001-08-09) abstract page 2, line 17 - line 27 page 3, line 6 - page 4, line 15 ----- | 4, 5, 32 |
| A | HOOGENBOOM M ET AL: "Security For Remote Access And Mobile Applications" COMPUTERS & SECURITY, ELSEVIER SCIENCE PUBLISHERS. AMSTERDAM, NL, vol. 19, no. 2, February 2000 (2000-02), pages 149-163, XP004204675 ISSN: 0167-4048 page 150 - page 154 page 161 - page 162 ----- | 1-43 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/016708

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| US 6158011 | A | 05-12-2000 | US 6061796 A AU 8915298 A WO 9911019 A1 | 09-05-2000 16-03-1999 04-03-1999 |
| US 2002174335 | A1 | 21-11-2002 | NONE | |
| WO 0158113 | A | 09-08-2001 | AU 3065101 A WO 0158113 A1 | 14-08-2001 09-08-2001 |